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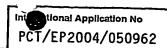
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(54) Title: MICROCAPSULES BY COACERVATION CONTAINING A PHARMACEUTICAL INCORPORATED IN THE

(57) Abstract: Microcapsules containing an active ingredient, constituted by a core coated with a polymer membrane, characterized in that the active ingredient is incorporated in the polymer coating layer, and in that said layer is applied using microencapsulation techniques (coacervation by means of phase separation). The microcapsules; thus produced have excellent properties of taste masking and prolonged release of the active ingredients.





A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K9/16

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC  $7-A61\,K$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

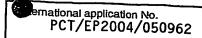
EPO-Internal, WPI Data, PAJ, CHEM ABS Data

Category °	Citation of document, with indication, where appropriate, of the relevant passages	
	misto appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 758 461 A (PHARMA PASS) 24 July 1998 (1998-07-24)	15-18, 20,25-30
A	claims 1,3,6,8 page 7, line 19 - page 8, line 2 page 12; example 1	1-14
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x	column 3; example 1 claims 1,7	20,27
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	paragraph '0009! - paragraph '0014!	

Y Further documents are listed to the					
Further documents are listed in the continuation of box C.	X Patent family members are listed in annex.				
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of the actual Completion of the international search	Date of mailing of the international search report				
1 March 2005	<b>1</b> 5. 03. 2005				
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Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	VON EGGELKRAUT, S				

Intertional Application No PCT/EP2004/050962

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/EP2004/050962
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x	WO 98/00116 A (SCHERING CORP) 8 January 1998 (1998-01-08) page 1, line 24 - page 2, line 5	15-20, 24-30
X	page 5, line 3 - line 16 examples 1,2,5	21,22
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	examples 1-4	
X	EP 0 475 536 A (TAKEDA) 18 March 1992 (1992-03-18)  claims 1,4,8,10,11,13 page 3, line 39 - line 52 examples 1,10	15-18, 20-22, 24,27-30
m DOTAGA FT	0 (continuation of second sheet) (January 2004)	



Box II Observations w	there certain claims were found unsearchable (Continuation of item 2 of first sheet)
	eport has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.:	e to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: because they relate an extent that no m	e to parts of the International Application that do not comply with the prescribed requirements to such eaningful International Search can be carried out, specifically:
	ependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations wh	nere unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching	Authority found multiple inventions in this international application, as follows:
see addition	nal sheet
As all required additions searchable claims.	ional search fees were timely paid by the applicant, this international Search Report covers all
2. As all searchable cla of any additional fee	nims could be searched without effort justifying an additional fee, this Authority did not invite payment
3. As only some of the covers only those cla	required additional search fees were timely paid by the applicant, this international Search Report aims for which fees were paid, specifically claims Nos.:
No required additional restricted to the invertible.	al search fees were timely paid by the applicant. Consequently, this international Search Report is ntion first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest	The additional search fees were accompanied by the applicant's protest.  X  No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20, 25-30 (part)

Microcapsules comprising a core having dimension ranging from 50 to 1200 micrometer and a coating consisting of a polymeric membrane containing at least one active ingredient dispersed therein in the form of solid particles, wherein the polymer constituting the membrane is a water-soluble polymer and the particles of active ingredient are dispersed inside said polymeric membrane with a concentration that decreases progressively moving from the core towards the distal part of the membrane.

2. claims: 21-24, 25-30 (part)

Microcapsules constituted by a core having dimension ranging from 50 to 1200 micrometer and coated with a polymeric membrane comprising one or more active ingredients homogeneously dispersed thereof in the form of solid particles, characterised in that the polymer constituting the membrane is a water-insoluble polymer.

nformation on patent family members

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